ABSTRACT OF THE DISCLOSURE

A method and apparatus for minimizing prediction drift at low bitrates in a fine granular scalable video coding scheme that utilizes motion compensation in an enhancement layer. The method and apparatus measures motion activity within at least a portion a video; determines whether the measured motion activity is below a predetermined threshold value; codes the portion of the video with the fine granular scalable video coding scheme that utilizes motion compensation in the enhancement layer if the measured motion activity is below the predetermined threshold value; and codes the portion of the video with a fine granular scalable video coding that does not utilize motion compensation in the enhancement layer if the measured motion activity is above the predetermined threshold value.